

MAGNETIC TORQUE TRANSFER DEVICE

ABSTRACT OF THE DISCLOSURE

A magnetic torque transfer device. The magnetic torque transfer device includes an input member and an output member. The input member notably drives at least one input gear. The output member drives at least one output gear. At least one input gear has a first plurality of gear teeth meshingly engaged with a second plurality of gear teeth of at least one output gear. A magneto rheological fluid is disposed between at least some of the meshing first and second pluralities of gear teeth.